

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
8 January 2004 (08.01.2004)

PCT

(10) International Publication Number
WO 2004/003505 A2

(51) International Patent Classification⁷: G01N

(21) International Application Number: PCT/US2003/020065

(22) International Filing Date: 27 June 2003 (27.06.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/391,895	27 June 2002 (27.06.2002)	US
60/391,897	27 June 2002 (27.06.2002)	US
60/417,833	11 October 2002 (11.10.2002)	US

(71) Applicant (for all designated States except US): UNIVERSITY OF MARLBYND, BALTIMORE [US/US]; 520 West Lombard Street, Baltimore, MD 21201 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): ROHWER, Robert, G. [US/US]; 4128 Arjay Circle, Ellicott City, MD 21042 (US). GREGORI, Luisa [IT/US]; 218 N. Charles Street, Apt. 1711, Baltimore, MD 21201 (US).

(74) Agents: ZELANO, Anthony, J. et al.; Millen, White, Zelano & Branigan, P.C., Arlington Courthouse Plaza I, Suite 1400, 2200 Clarendon Boulevard, Arlington, VA 22201 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

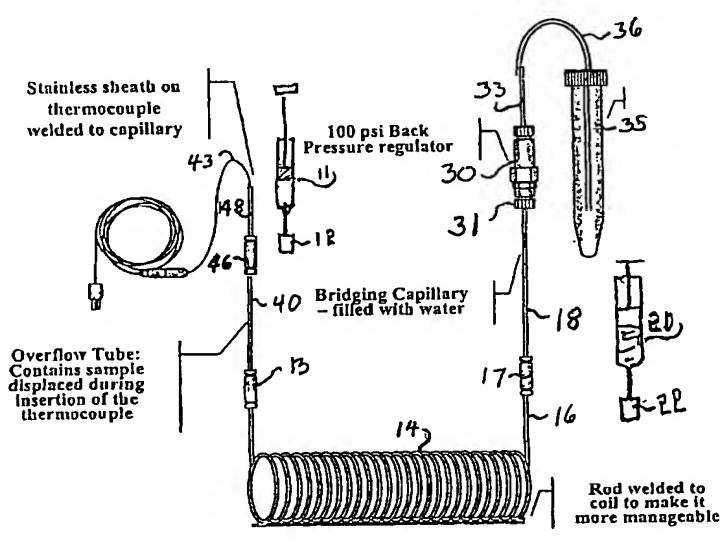
Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHODS FOR DETECTING AND INACTIVATING A PRION

Assembly of Apparatus



WO 2004/003505 A2

(57) Abstract: A method for the isolation or detection of a prion in a sample is disclosed. Also disclosed are methods for the disinfection and/or decontamination and/or inactivation of TSE infectivity.